

Mashanskii, V. F.

STRUCTURE OF THE MITOCHONDRIA: SHORT REPORTS. [1963] [13p. 31 refs. FASEB manuscript no. S168-3.

Order from OTS or SLA \$1.60 63-23864

Trans. of Tsitologiya (USSR) 1962, v. 4, no. 5, p. 555-558.

DESCRIPTORS: Histology, Morphology, *Cells (Biology); *Microsomes, "Electron microscopy.

Based on a discussion of the data from the literature and original observations of the ultrafine organization of various unicellular and multicellular organisms, it is concluded that the character and dimensions of the paired mitochondrial membranes do not support Sjöstrand's views that the interval between them is occupied by a bilipid layer. Each of the membranes (Biological Sciences, TT. v. 10, no. 11) (over)

63-23864

- I. Mashanskii, V. F.
- II. FASEB S-168-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Dmitrieva, N. P.
SUBMICROSCOPIC CHANGES IN BROWN-PEARCE
TUMOR CELLS AFTER EXPOSURE TO ULTRA-
SOUND, Jan/Feb 64, 5p 14refs
Order from FASEB \$2.00 in Federation Proceedings
Translation Supplement, 1964, v. 23, no. 1
(p. T46-T50)

Trans. of "Tsitologiya (USSR) 1962, v. 4, no. 5,
p. 559ff.

DESCRIPTORS: *Electron microscopy, *Cancer,
Cells (Biology), *Ultrasound, Histology.

(Biological Sciences--Pathology, TT, v. 11, no. 10)

TT-64-12541-1 (p. T46-T50)

- I. Title: Brown-Pearce
Tumors
II. Dmitrieva, N. P.
III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.

Office of Technical Services

Karmysheva, V. Ya.

POLYSACCHARIDES OF MAMMALIAN OVARIES IN NORMAL CONDITIONS AND IN ACUTE RADIATION SICKNESS. Given at the Conference on Histochemistry of Polysaccharides, Moscow, 7 May 60. [1963] [12p]
16refs FASEB Manuscript no. : S 170-3.
Order from OTS, SLA, or ETC \$1.60 TT-63-24474

Trans. of Tritologiya (USSR) 1962, v. 4, no. 5,
p. 565-570. (Abstract available)

DESCRIPTORS: *Polysaccharides, *Ovary, Glycogen,
Mammals, *Radiation sickness, Radiation effects,
Histological techniques.

The ovaries of mammals contain glycogen, hyaluronic
and chondroitin-sulfuric acids, and specific polysaccha-
rides of the degenerating oocytes, macrophages and
giant cells, combined with proteins and lipids. Glycogen
in large amounts is found in the cytoplasm of the oocytes
(Biological Sciences--Radiobiology, TT, v. 11, no. 6)
(over)

TT-63-24474

- I. Karmysheva, V. Ya.
- II. FASEB-S-170-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.
- V. Title: Conference...

Office of Technical Services

Veselkina, M. N.
DNA SYNTHESIS AND PROLIFERATION OF CORNEAL
EPITHELIAL CELLS AFTER IRRADIATION WITH
ROENTGEN RAYS. [1963] [11p] 13refs FASEB
manuscript no. S 171-3.
Order from OTS, SLA, or ETC \$1.60 TT-64-13505
figs. available on loan from OTS
Trans. of ~~Traumatology~~ (USSR) 1962, v. 4, no. 5,
p. 571-573.

DESCRIPTORS: *Desoxyribonucleic acids, *Epithelium,
Reproduction (Physiology), *Cornea, Cells (Biology),
*Radiation effects,

TT-64-13505

- I. Veselkina, M. N.
- II. FASEB-S-171-3
- III. Federation of American
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Biology, Washington, D.C.
- IV. Scripta Technica, Inc.,
Washington, D.C.

(Biological Sciences--Radiobiology, TT, v. 11, no. 9)

Office of Technical Services

The Mechanism of Ciliary Beat Resynchronization in the
Infusorian Spirostomum Ambiguum, by L. N. Serevin.

RUSSIAN, per, Tsitolgiya, Vol IV, No 6, 1962,
pp 652-660.

MLL RIS 2285 (loan)

Sci - Biol & Med Sci
Feb 64

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Ultraweak Spontaneous Luminescence of Animal
Tissues, by B. N. Tarusov.
RUSSIAN, eper, Tsitologiya, Vol 4, No 6, 1962,
pp 696-699.
NASA TT F-11,093

Sci-BGM
Sept 67

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S-355/63

Urgent Problems of the Organization of Research
on Cytology in the Light of the Decisions of the ^{4th} November Plenum of the Central Committee CPSU, SF 2601

RUSSIAN, per, Tsitologiya, Vol V, No 1, 1963,
pp 3-4.

*JPRS 19091

Sci - Biol

Apr 63

NORMAL HUMAN CHROMOSOMES, BY A. A. PROKOF'YEVA-BEL'GOVSKAYA, 28 PP.

RUSSIAN, PER, TSITOLOGIYA, VOL V, NO 1, 1963,
PP 5-23.

JPRS 19091

SCI-BIOL & MED SCI
MAY 63

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Study of Mitotic Cycles by Autoradiography, by
M. G. Chumak.
RUSSIAN, per. Mitotologia, Vol 5, 1963, pp 24-35.
P911.302167
AEC UCRL-TRANS-10108

Sci-Nucl Sci
Nov 67

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Cytochemical Investigation of Thiols at
Various Developmental Stages of Eimeria
Intestinalis, by T. V. Beyer.

RUSSIAN, per, Tzitologiya, 1963, Vol 5,
No 1, pp 61-68.

NLL RTS 2609 (On Loan or Purchase)

CFSTI TT 64-23514

Aug 65

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THE EFFECT OF THE MAINTENANCE TEMPERATURE ON THE
HEAT RESISTANCE OF HYDRAS AND THEIR CELLS, BY
I. N. DREGOL'SKAYA, 19 PP.

RUSSIAN, PER, TSITOLOGIYA, VOL V, NO 2, MOSCOW,
1963, PP 194-203.

JPRS 19782

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JUN'63

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Alteration in the Succinatehydase Activity of
the Various Developmental Stages of the Rabbit
Coccidian Under the Influence of Furaciline,
by T. V. Beier.

RUSSIAN, per, Tzitologiya, 1963, No 3, pp 70-74.
NLL RFS 2610 (On Loan or Purchase)

Aug 65

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URGENT PROBLEMS OF CYTOLOGY. 6 Aug 63, 5p
Trans. A-1400.
Order from OTS, SLA, or ETC \$1.10 TT-63-23546

Trans. of Tsvitologiya (USSR) 1963, v. 5, no. 3,
p. 261-262. 9212624

DESCRIPTORS: *Cells (Biology), Medical research.

TT-63-23546

L Trans-A-1400

(Biological Sciences--General, TT, v. 11, no. 9)

Office of Technical Services

6-775-67

NY-13763
16 Jun 67

Contractile Protein from Liver Mitochondria
by B. F. Poglavov,
RUSSIAN, per, Tsitolgiya, Vol V, No 3, May-Jun
1963, pp 338-339.

Jun 67

Report on ~~xx~~ the Second Meeting on Polyploidy, by
Yu. L. Goroshchenko, N. A. Chukanova, 11 pp.
RUSSIAN, per, Tsitologiya, Vol V, No 3, 1963,
pp 359, 362.

NLL Tr Bulletin
Vol V, No 12, 1963

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Feb 64

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NEW DATA ON CHANGES~~X~~ IN THE CELL SUBSTANCE FROM
INJURY AND EXCITATION, BY D. L. ROZENTAL,
A. S. TROSHIN, 18 PP.

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J PRS 21894

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CYTOMORPHOLOGICAL STUDY OF THE FEMALE GONADS OF THE
COELENTERATE POLYPODIUM HYDRIFORME, BY YE. V. RAYKOVA,
18 PP.

RUSSIAN, PER, TSITOLOGIYA, VOL V, NO 4, 1963,
PP 391-403.

JPRS 21899

SCI-BIOL & MED SCI
NOV. 63

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S-89/64

Cytology and Scientific World Outlook,
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RUSSIAN, per, Tsitologiya, # Vol V, No 5, 1963,
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Human Chromosomal Diseases Disorders on the System of
Sex Chromosomes, by A. A. Prokof'yeva-Bel'govskaya, 15 pp.
RUSSIAN, per, Tsitolgiya, Vol V, No 5, 1963, pp 485-486,
487-498. (Foreword, Table of Contents)

JPRS 23019

Sci-Biol & Med
Feb 64

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248, 186

Permeability of the Cell Nucleus, by A. S. Troshin, 22 pp.
RUSSIAN, per, Tsitologiya, Vol V, No 6, Nov, Dec 1963,
pp 601-614.

JPRS 23472

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Mar 64

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Cytochemistry of Free Purine Ribonucleotides in the Life
Cycle of *Schizotrypanum cruzi*, by L. V. Balicheva,
G. I. Roakin, 12 pp.
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JPRS 23472

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Mar 64

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**Electron Microscopy Study of Pituicytes and Interrelationship
Between Them and Neurosecretory Elements of the
Posterior Lobe of the Hypophysis in Albino Mice, by
M. A. Belen'kii, A. L. Polemov, 7 pp.
RUSSIAN, per, Taitologiya, Vol V, No 6, Nov, Dec 1963,
pp 651-653.**

JPRS 23472

**Sci-Med
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Electron Microscopy Study of the Fine Structure of
Tetrahymena Pyriformis Infusoria Cilia, by L. G. Fedorova,
S. A. Burnasheva, 7 pp.
RUSSIAN, per, Tzitologiya, Vol V, No 6, Nov, Dec 1963,
pp 689-691.

JPRS 23472

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Mar 64

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A Chamber for Microscopic Examination of Biological Objects at Temperatures Ranging From +100 to -50 Degrees Centigrade, by G. A. Kozlov, 6 pp.
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JPRS 23472

Sci-Med
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The Cytochemistry of Ultrastructures, by V. G.
Pinchuk, 14 pp.
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pp. 3-12.
JPRS 41442

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The Problem of Autoregulation in Cytology
Reparative Power of the Cells,
by V. Yak Aleksandrov, 24 pp.
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JPRS 25424

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Nature of Antiradiation Effect of Inert Gases
and Low-Molecular Narcotics I. Influence of
Inert Gases and Low-Molecular Narcotics
Upon Cytogenetic Effect of X-Ray Irradiation,
by V. P. Paribok, G. F. Krupnova, 10 pp.
RUSSIAN, per, Tsitologiya, Vol VI, No 2, 1964,
pp 162-167.
JPRS 25703

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Aug 64

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Cytochemical Study of Potassium and Organic
Compounds of Phosphorus and Iron in Trypanosoma
Cruzi, by G. I. Roakin, S. M. Kolomina, 12 pp.
RUSSIAN, per, Tzitologiya, Vol VI, No 2, 1964,
pp 175-182.
JPRS 25428

Sci - B & M
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Somatic Chromosomes of the Steppe Lemming,
by Ye. Ye. Pogosyants, A. F. Zakharov, et al, 11 pp.
RUSSIAN, per, Tsitologiya, Vol VI, No 2, 1964,
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JPRS 25424

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Vital Staining of the Muscle Tissue During
Excitation, by I. P. Sosdal'skaya, 10 pp.
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Study of the Properties of Procian Bright-Red
As a Vital Stain, by E. P. Sosenko, 6 pp.
RUSSIAN, per, Tmitologiya, Vol 6, No. 2, 1964,
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Cytospectrophotometric and Interferometric Study
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RUSSIAN, per, Tsitologiya, Vol. VI, No. 2, Mar-
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JPRS 41457

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Nature of Antiradiation Effect of Inert Gases
and Low-Molecular Narcotics II: Influence of
Cold and KCN on Antiradiation Effect
of Compressed Nitrogen, by V. S. Kal'nyi,
V. P. Paribok, 8 pp.
RUSSIAN, per, Tsitologiya, Vol VI, No 2, 1964,
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A Cytochemical Study of Neuron Differentiation
in Different Parts of the Rabbit Brain, by
V. I. Krasil'nikova, 8 pp.
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Spectral Properties of Acridine Orange Complexes
with Native, Denatured, and Renatured DNA, by N.
D. Faddeyeva, 5 pp.
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July 67

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S-629/64

Chronicle (First Conference of the Scientific
Council on Problems of Cytology), by
M. N. Gruzova. (NY-9225)

RUSSIAN, per, Tsitologiya, Vol VI, No 2,
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*JPRS

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Jun 64

Effect of Histones on the Development of the
Sea Urchin Eggs, by V. I. Vorob'yev,
A. A. Neifakh.
RUSSIAN, per, Tsitologiya, Vol 6, 1964,
pp 496-498.
AEC-LA-tr-67-43

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Regulation of Cellular Resistance, by M. A. Rozin, 3 pp
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pp 531-532.

JPRS 26, 914

Sci - Biol & Med Sci
Sept 64

S-992/64

Account of the Editorial Board Activity, by
A. V. Zhirmunskiy. (NY-9383)

RUSSIAN, prer, Tsitolotiya, Vol VI, No 4, 1964,
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*JPRS

Sci - Biol & med Sci
Sept 64

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Neifakh, 9 pp.
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Sci/PAK
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Critical Survey of Current Concepts
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*NLL Ref: RTS 4952

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July 69

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Studies on the Microlocalisation of Potassium in
Myofibrils With Sodium Tetraphenylborate and
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1. The Structure and Function of the Cell, 3rd Edition,
pp 174-276
2. Proceedings on Different Methods of Cytological
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the Cell, by N. N. Kostler, pp 233-262
3. Symposium on the Problem of Genetics and Human
Pathology, by V. S. Ignat'ev and I. I. Pridyannikova,
pp 287-366

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- 37-4733
16 Jun 67
- a.) Topological Chemistry of the Cerebral Cortex
by N.S. Sarnav, pp 221-231,
 - b.) On the finding of serotin storage by muscle
proteins by N.N. Makarova, pp 287-293,
~~Serotonin in muscles~~
 - c.) Uspeshni Sovremennoy Biologii, Vol. 58, No. 2, Sep/Oct 64
 - d.) Psichologiya, Vol. VII, No. 2, Moscow, Mar/May 65
- 4011

Studies in Cytostatic Substances in Chemotherapy,
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JPRS 26247

Sci - B & M
Sep 64

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<p>Svyatlovskii, A. E. TSUNAMIS (DESTRUCTIVE WAVES ORIGINATING WITH UNDERWATER EARTHQUAKES IN SEAS AND OCEANS). [1962] [52]p. (9 photographs omitted) 27 refs. Order from OTS or SLA \$5.60 62-16171 Trans. of mono. Tsunamis, Moscow, 1957. DESCRIPTORS: *Ocean waves, *Underwater explosions, Disasters, *Earthquakes, Ocean bottom, Seismic waves, Seismological stations, Oceans, Tides, Volcanoes.</p> <p>(Earth Sciences--Seismology, TT, v. 8, no. 5)</p>	<p>PP-</p> <p>62-16171</p> <p>I. Svyatlovskii, A. E. II. Title: Destructive...</p>	
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Tsunami; Destructive Waves Caused by Submarine Earthquakes in Seas and Oceans, by A. Ye. Svyatlovskiy. UNCLASSIFIED

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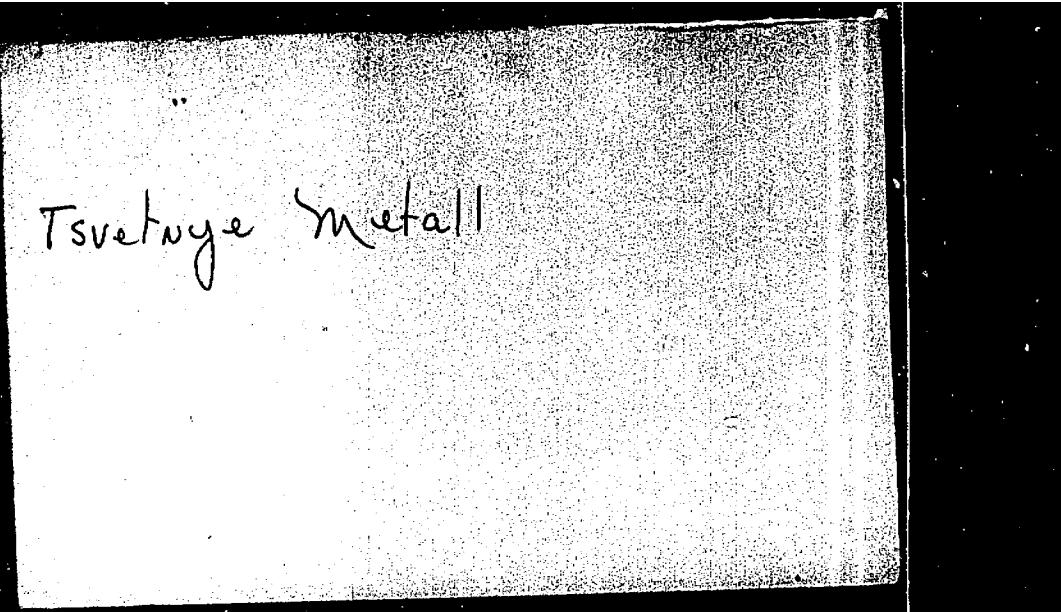
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mixtures with xanthates.
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Color Development of 3-Layer Sensitized Materials,
Chapter II. Developers for Color Development, by
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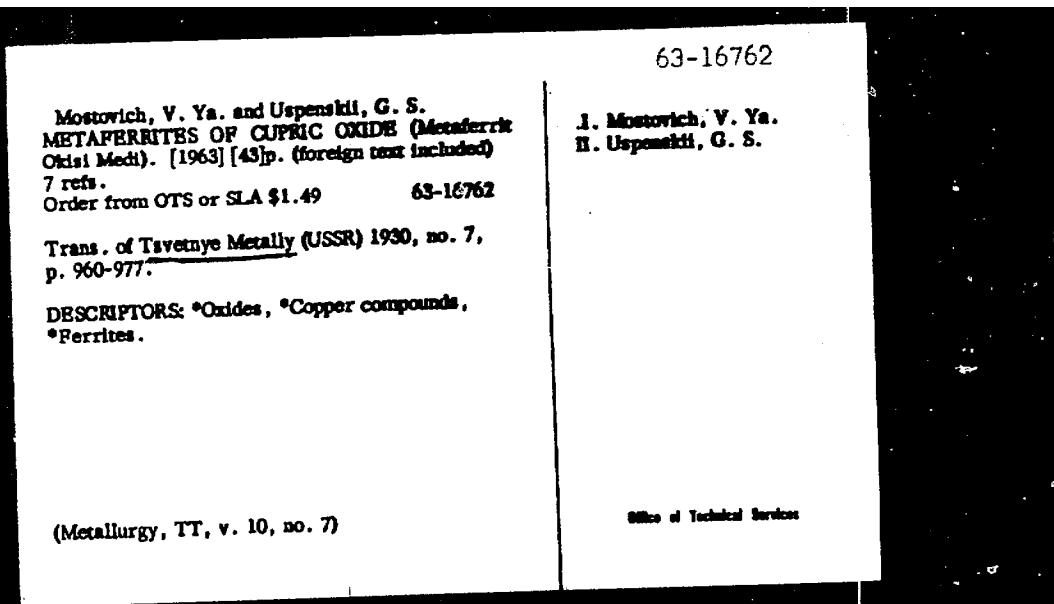
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<p>Smiryagin, A. P. THE SURFACE TENSION OF MOLTEN METALS (INVESTIGATIONS ON NEW ALLOYS FOR POURING SHOT). [1963] 17p. (figs. omitted) 41 refs. Order from OTS or SLA \$1.60 63-16039</p> <p>Trans. of <u>Tsvetnye Metall[ly]</u> (USSR) 1935 [v. 10] : p. 8, p. 102-110.</p> <p>DESCRIPTORS: *Liquid metals, *Surface tension, *Lead alloys, Alloys, Fused materials, Mathematical analysis.</p> <p>(Metallurgy--Nonferrous Metals, TT, v. 10, no. 7)</p>	<p>63-16039</p> <p>I. Smiryagin, A. P. II. Title: Investigations...</p> <p>Office of Technical Services</p>
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DESCRIPTORS: *Calcium, Manufacturing methods.		
(Engineering--Chemical, TT, v. 10, no. 2)		Office of Technical Services

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SLA R-2290

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Scientific - Minerals/Metals Jul 53 CTS/DEX

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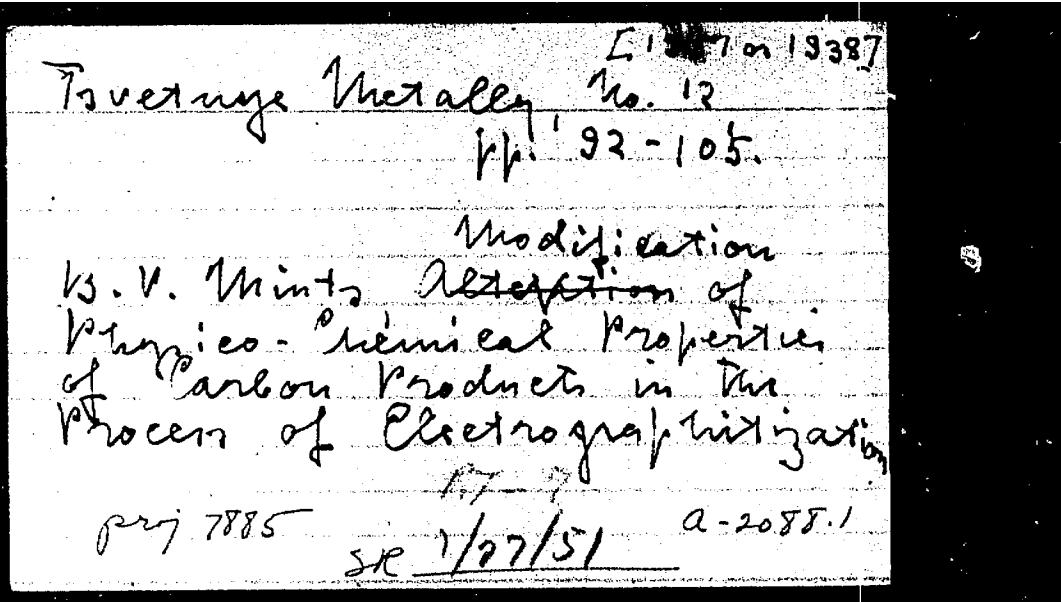
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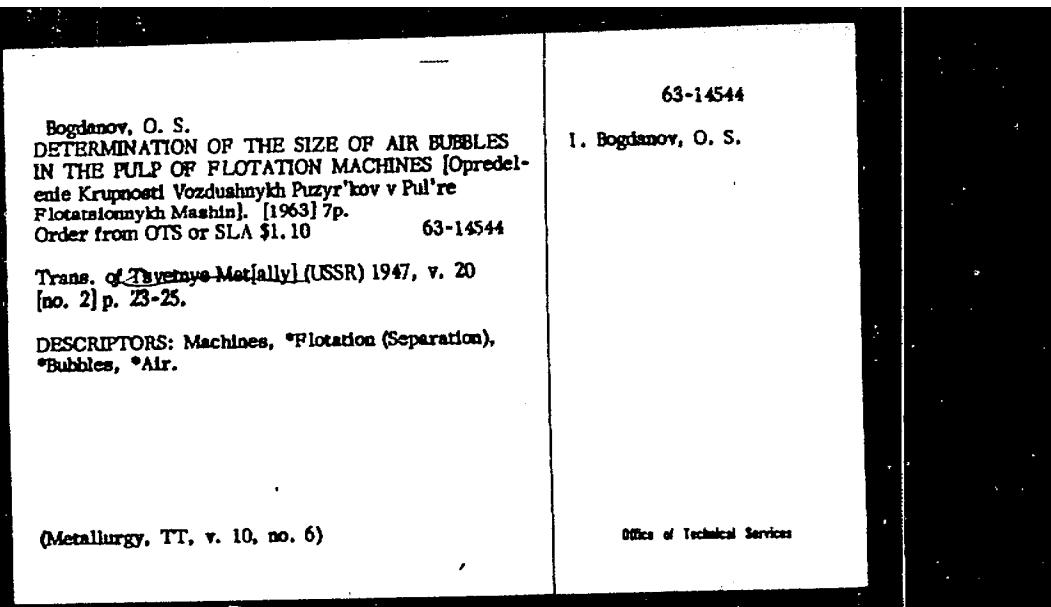
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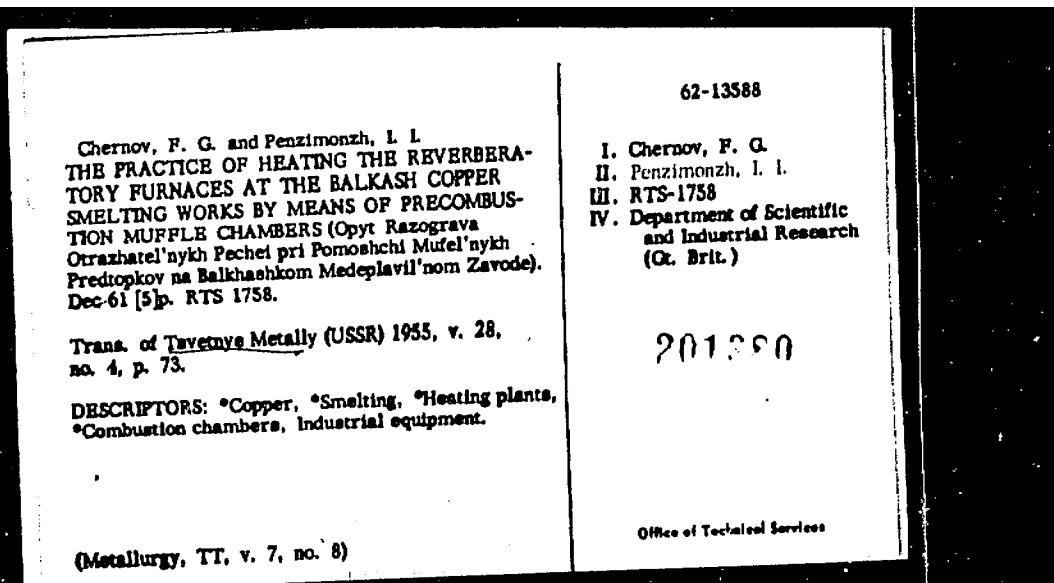
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